

A WORTH WHILE IDEA: MOTOR RURAL EXPRESS

The Twentieth of a Series of Articles on Motor Truck Cost and Performance, Written for Business Men by an Expert.

By GEORGE W. GRUFF.

At the present time there is considerable talk going on about rural express lines. And it is safe to say that there will be a great deal more of it in the very near future.

Herbert Johnson, an artist for Country Gentleman, gave a wonderful presentation of the rural freight service idea and the present state of freight congestion in two cartoons. In one he shows the freight agent standing amid freight piled high above the roof of the terminal. Farmers are driving up to the terminal with loaded vehicles. The agent shouts to them, "No cars! No cars! Take your stuff back home!"

In the other cartoon he shows a rural motor express service truck driving up to the farmer who is perched on a pile of foodstuffs which he is unable to ship to the city by rail. The truck driver calls to the farmer: "Here, boss, I can handle it for you!" The farmer is both amazed and overjoyed by this very idea and suggestion. Even the pigs, ducks and chickens grin. It is a relief even for them to know that they are sure of reaching the market before they starve to death.

The first picture shows an extreme state of freight congestion in this country. Manufacturers and city shoppers are meeting this difficulty with motor truck overland intercity hauling; but the farmer, who is the real loser, is considerably behind in this matter.

The rural motor express line idea, which has been endorsed by the Council of National Defense, is being pushed to the fore with much vigor by the National Automobile Chamber of Commerce because of the aid it will be to the farmer in his present hour of need.

Already a number of motor rural express lines have demonstrated to the men back of this movement that it is both practical and profitable.

Here is a splendid field for men of a little order, men of vision, men who possess good common sense, to invest some money and start a line in their immediate vicinity. And there is no doubt in the writer's mind that they will find that their investment is a profitable and permanent one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

This kind of service will act like an injection of "hot air" to the farmer who will then practice intensive farming more extensively for the reason that he has discovered an outlet for his increased production. And because of this, the farmer is able to produce more profitably and permanently one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

This kind of service will act like an injection of "hot air" to the farmer who will then practice intensive farming more extensively for the reason that he has discovered an outlet for his increased production. And because of this, the farmer is able to produce more profitably and permanently one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

This kind of service will act like an injection of "hot air" to the farmer who will then practice intensive farming more extensively for the reason that he has discovered an outlet for his increased production. And because of this, the farmer is able to produce more profitably and permanently one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

This kind of service will act like an injection of "hot air" to the farmer who will then practice intensive farming more extensively for the reason that he has discovered an outlet for his increased production. And because of this, the farmer is able to produce more profitably and permanently one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

This kind of service will act like an injection of "hot air" to the farmer who will then practice intensive farming more extensively for the reason that he has discovered an outlet for his increased production. And because of this, the farmer is able to produce more profitably and permanently one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

This kind of service will act like an injection of "hot air" to the farmer who will then practice intensive farming more extensively for the reason that he has discovered an outlet for his increased production. And because of this, the farmer is able to produce more profitably and permanently one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

This kind of service will act like an injection of "hot air" to the farmer who will then practice intensive farming more extensively for the reason that he has discovered an outlet for his increased production. And because of this, the farmer is able to produce more profitably and permanently one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

This kind of service will act like an injection of "hot air" to the farmer who will then practice intensive farming more extensively for the reason that he has discovered an outlet for his increased production. And because of this, the farmer is able to produce more profitably and permanently one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

This kind of service will act like an injection of "hot air" to the farmer who will then practice intensive farming more extensively for the reason that he has discovered an outlet for his increased production. And because of this, the farmer is able to produce more profitably and permanently one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

This kind of service will act like an injection of "hot air" to the farmer who will then practice intensive farming more extensively for the reason that he has discovered an outlet for his increased production. And because of this, the farmer is able to produce more profitably and permanently one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

This kind of service will act like an injection of "hot air" to the farmer who will then practice intensive farming more extensively for the reason that he has discovered an outlet for his increased production. And because of this, the farmer is able to produce more profitably and permanently one if they start right. Motor rural express lines are able to handle the delivery of all city goods to the farm trade. On this truck, instead of the usual delivery up to the farmer's door, the delivery is made in the city.

But there are some other advantages about this system of delivery. In the first place, the farmer who has to feed his milk, cream and other products to his pigs because of the lack of transportation facilities, he is able to furnish the public with an increased supply of good stuff which he is badly in need of these war time days.

Clydesdale Trucks Make Fine Record.



Edward A. Hoffmann, head of the Hoffmann Motor Company, distributors of the Clydesdale truck in the East, is an optimist. He expects to see a remarkable increase in the use of motor trucks by business houses during the next six months and is sure many Clydesdale trucks will figure in these motorization plans.

The Hoffmann company is located on Avenue B near Twentieth street, with the service and office organizations centralized in the one big building shown in the photograph.

The Clydesdale line includes 1 1/2, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

AIRPLANE ENGINES FOR MOTOR CAR USE

Expert Discusses Interestingly the Possibility of Using Rejuvenated Air Motors.

By FRANK F. TENNEY, Principal West Side Y. M. C. A. School for Airplane Mechanics, N. Y. City.

Your Uncle Samuel may become one of the largest dealers in engines for automobiles the world over has heard of, if he decides to turn over for rejuvenation the tens of thousands of airplane engines which have outlived their usefulness for flying.

Already there are many thousands of used engines accumulated at every flying field in this country and at all of the aviation bases. Not all of the airplane engines shipped to France are demoted in the course of war. Reading the papers one might be led to believe that, sooner or later, all airplanes are smashed beyond repair or drop within a few days of the greater number are retired because they are no longer effective.

When one is told that the average life of an airplane engine is 100 hours, it is startling. People who are prone to find fault because that endless stream of Liberty planes is not working across the Atlantic will please take note of the fact that the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

Incidentally, the fact that the trip would take one-third or more of the life of the engine before it reached the fighting line. The fact that the trip would take one-third or more of the life of the engine before it reached the fighting line.

ARMY SERVICE IS PROVING TRUCKS

Small Fast Vehicles Move Men With Amazing Rapidity at Front.

The great armies abroad are developing transportation to a fine degree of efficiency, and the motor truck is the biggest factor in their successful operations.

The light fast truck has proved to be the answer to the question of the best way to move the greatest number of men in the quickest possible time.

The mobilization of the French troops for the first defense of Paris proved the value of the light fast motor vehicle. In picturesque fashion some persons would have to be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

The French Government had expected an hour to come when things would be done in a hurry and saved by taxi-cabs. As a matter of fact, the lightning fast mobilization of the defenders of that city was accomplished by the use of thousands of small trucks and other vehicles of two tons capacity and less.

BUY WINTER TIRES NOW.

Lay In Supply While Stock Is Here.

"What shall I do with my automobile this winter?" is a question many persons are asking themselves. Doubt as to the future of the automobile is not to the course most consistent with the "win the war" programme, makes them hesitate before making the purchase of winter tires for their car's winter use.

From the standpoint of broader policy, the congested state of transportation is a serious matter. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation. The need of gasoline for military purposes is so far as the gasoline supply permits passenger automobiles must relieve the transportation situation.

PUT USED CARS TO SEVERAL TESTS

With a Little Knowledge You Will Be Able to Determine Value.

At this season of the year, and more particularly at a time when new car production has been cut down considerably, there is greater activity in the used car field. Many thousands of prospective owners will need some advice on the purchase of a used car so as to be able to avoid buying a wreck with perfectly good money.

It has been said that a used car is no better than the dealer or man who sells it, and there is a great deal of truth in this. In our larger cities the newspapers are filled with so-called blind advertisements of owners who "must get out of town" or "go to war," or which give some such excuse for selling. The buyer should be very careful of the greater number of these because they are simply poor propositions handled for the dealer by some person who is supposed to be the owner. The very best place to select for looking over used cars is the showroom of some reputable dealer on motor row or in the automobile section of the city. If you are interested in a used car, go to the dealer in that car. In this way you are sure at least of getting a car that has been put in shape properly and not "jobbed up" for sale. Often, however, a dealer will have cars of other makes in his shop, and naturally so, because all sales are not to previous owners of his shop. It is usual for a dealer to give the exterior of a car the best appearance possible so that it will strike the fancy of the buyer, especially if his wife is along. Good external appearance is, of course, essential, but for the time being it should be neglected. The chassis should be gone over, and if found satisfactory the condition of the upholstery, the top, curtains, paint, etc. These are matters which are not important in the running of a car. A good body won't keep the car from running.

It is a most difficult matter to tell by a mere drive around the block whether the car is in perfect condition, especially if the motor is not running. For example, such small cars as the Ford and Chevrolet. These cars have steering systems which are likely to show signs of trouble in the nature of rapid oscillating of the front wheels as though they were being turned rapidly from one direction to another. It happens only on rough roads and at a certain speed, usually about six miles an hour. When going fast it is not noticed and on smooth roads it is not apparent.

Shaking and squeaks caused by loose parts are noticed only on rough roads. Hence it is wise when trying out a car to take it first slowly and then at a fair rate over a bad piece of road.

Never take a dealer's word that "that can be fixed up in a jiffy." Do not take a car unless it is "fixed up" and to your satisfaction. Never take a car with certain parts of the equipment missing which "will be sent to you just as soon as they come." Half the time they never come or are delayed until the end of the season.

In order to determine the fitness of the used car you will have to drive it yourself to see whether there is undue play in the power transmission system, a bad clutch or a worn transmission, and the demonstrators usually are very good at covering up such spots. Brakes should be tested so that a relining job is not necessary the first week you have the car.

If possible open the drain plugs of the transmission and see if there is any oil or thinned grease run out. Often a bad test of gears or even gears with broken teeth can be made noiseless for a short run by packing the case with heavy grease.

A new battery usually costs anywhere from \$25 to \$75, depending on the size, and it is the easiest of things to take an old battery ready for the junk man and get it in shape so it will give service for a few minutes.

In driving around on the demonstration one can only listen and know in the engine and other parts. Bearings, of course, can be tightened and certain loose parts made to remain quiet for a time. Here is an important point: An "oil pump" is an engine whose pistons and rings are worn and such an engine, when it gets hot after running some time, will pump so much oil into the combustion chambers as to cause misfiring and bad running generally. For a short period the "oil pump" will be all right. Look around the valves for oil leakage from an oil pump.

Just imagine how the horse and wagon would slow down the armies in Europe. Motor trucks have made armies more efficient and they can make business men more efficient.

Goodrich Educates Foreign Help. Since America has been drawn into the world conflict the Americanization of foreign troops has become a matter of importance. The American Red Cross, through its Goodrich Educational Department, has been educating foreign troops in the use of motor vehicles. The department has been educating foreign troops in the use of motor vehicles. The department has been educating foreign troops in the use of motor vehicles.

The department has been educating foreign troops in the use of motor vehicles. The department has been educating foreign troops in the use of motor vehicles. The department has been educating foreign troops in the use of motor vehicles.

The department has been educating foreign troops in the use of motor vehicles. The department has been educating foreign troops in the use of motor vehicles. The department has been educating foreign troops in the use of motor vehicles.

The department has been educating foreign troops in the use of motor vehicles. The department has been educating foreign troops in the use of motor vehicles. The department has been educating foreign troops in the use of motor vehicles.

The department has been educating foreign troops in the use of motor vehicles. The department has been educating foreign troops in the use of motor vehicles. The department has been educating foreign troops in the use of motor vehicles.

The department has been educating foreign troops in the use of motor vehicles. The department has been educating foreign troops in the use of motor